

#### ABSTRACT OF THE DISCLOSURE

A method of producing a silicon carbide powder comprising sintering a mixture containing at least a silicon source and a carbon source wherein the carbon source is a xylene-based resin. Preferable are an embodiment in which the above-mentioned silicon source is an alkoxy silane compound, an embodiment in which the above-mentioned alkoxy silane compound is selected from an ethoxysilane oligomer and an ethoxysilane polymer, an embodiment in which the above-mentioned mixture is obtained by adding an acid to a silicon source, then, by adding a carbon source, and other embodiments. A silicon carbide powder produced by the above-mentioned method of producing a silicon carbide powder wherein the nitrogen content is 100ppm or less is preferable.

A sintered silicon carbide obtained by sintering the above-mentioned silicon carbide powder wherein the volume resistivity is  $1 \times 10^6 \Omega \cdot \text{cm}$  or more.